

Attention SP81298/SP81302

Some pumps are designed to have another component in the engine to drive eg an air conditioning compressor or a water pump. There are several ways how they could be connected.

SP81298 (Ford Mondeo III 2.0 Diesel) and SP81302 (Ford Transit 2.0 Diesel) are connected through a toothed shaft on the rear of the steering pump (Figure 1). In many cases the water pump is the cause of the failure of the steering pump.

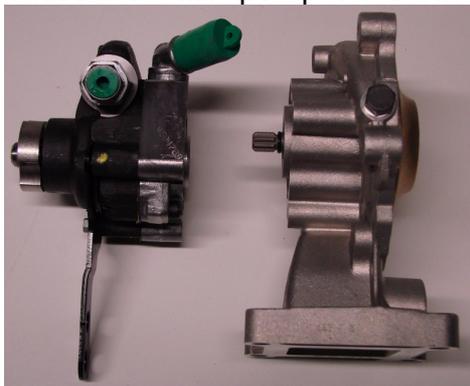


Figure 1



Figure 2

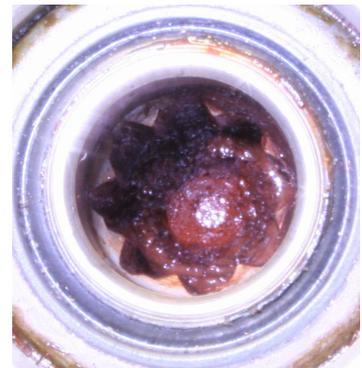


Figure 3

Figure 2 shows the connection on the back of the steering pump in which the toothed shaft of water pump sits. Play on the bearing of the water pump can damage the steering pump. Or if there is a leak at the pump, then water runs along the shaft of the steering pump and causes damage to the rear bearing of the steering pump.

The teeth of the steering pump and / or water pump can be completely worn (Figure 3), which results in bad functioning of both pumps.

We recommend to replace also the water pump together with the steering pumps of the type SP81298/SP81302.